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INFORMATION DISCLOSURE
STATEMENT

BY APPLICANT

Docket: 6395-61666

App: 10/017,168

Applicant: Liu *et al.*

Filed: December 14, 2001

Art Unit:

U.S. PATENT DOCUMENTS

| Init.* | Number | Date | Name | Class | Sub | Filed |
|--------|-----------|----------|------------------------|-------|-----|-------|
| | 4,738,932 | 04/19/88 | Yabusaki | | | |
| | 4,894,328 | 01/16/90 | Alderete <i>et al.</i> | | | |
| | 5,643,733 | 07/01/97 | Robinson <i>et al.</i> | | | |
| | 5,643,751 | 07/01/97 | Robinson <i>et al.</i> | | | |
| | 5,753,459 | 05/19/98 | Blanco <i>et al.</i> | | | |
| | 5,770,719 | 05/23/98 | Kapoor <i>et al.</i> | | | |

FOREIGN PATENT DOCUMENTS

| Number | Date | Country | Class | Sub | Filed |
|-------------|----------|-----------|-------|-----|-------|
| WO 95/02186 | 01/19/95 | PCT(WIPO) | | | |

OTHER DOCUMENTS

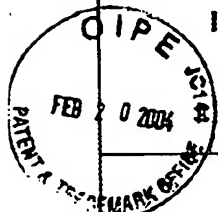
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| | Fraser <i>et al.</i> , "Complete Genome Sequence of <i>Treponema pallidum</i> , the Syphilis Spirochete," <i>Science</i> , 281:375-388 (July 17, 1998). |
| | Green <i>et al.</i> , "Identification, sequences, and expression of <i>Treponema pallidum</i> chemotaxis genes," <i>DNA Sequence</i> 7(5):267-84 (1997). (ABSTRACT ONLY) |
| | Pillay <i>et al.</i> , "Molecular Subtyping of <i>Treponema pallidum</i> Subspecies <i>pallidum</i> ," <i>Sexually Trans. Dis.</i> , 25(8):408-414 (Sept. 1998). |
| | Pillay <i>et al.</i> , "Molecular Typing of <i>Treponema pallidum</i> in South Africa: Cross-Sectional Studies," <i>J. Clin. Microbio.</i> , 40(1):256-258 (Jan. 2002). |

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Seppa, "Researchers solve syphilis genome.(genome of *Treponema pallidum* decoded)," *Science News*,
www.findarticles.com/cf_0/m1200/n5_v54/21015212/print.html, (Aug. 1, 1998).

Shevchenko *et al.*, "Molecular Characterization and Cellular Localization of TpLRR, a Processed Leucine-Rich Repeat Protein of *Treponema pallidum*, the Syphilis Spirochete," *J. Bacter.*, 179(10):3188-3195 (May 1997).

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Sutton *et al.*, "Molecular Subtyping of *Treponema pallidum* in an Arizona County with Increasing Syphilis Morbidity. Use of Specimens from Ulcers and Blood," *J. Infect. Dis.*, 2001;183:1601-1606 (June 1, 2001).

Walfield *et al.*, "Primary Structure of an Oligomeric Antigen of *Treponema pallidum* - For use in Sero-Diagnosis," *Infect. Immun.*, 57(2):633-635 (1989). (ABSTRACT ONLY)

(No listed author) "Scientists Decipher Syphilis Genome," *Appl. Gen. News* (Sept. 1, 1998).

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| OTHER DOCUMENTS | | | | | | |
| | | | GenBank Accession #AF342807, <i>Treponema pallidum</i> subsp. endemicum strain Bosnia acidic repeat protein (arp) gene, complete cds. (Sept. 13, 2001). | | | |
| | | | GenBank Accession #AF411124, <i>Treponema pallidum</i> subsp. pallidum strain Nichols acidic repeat protein (arp) gene, complete cds. (Sept. 26, 2001). | | | |
| | | | GenBank Accession #AF411126, <i>Treponema pallidum</i> subsp. pertenue strain CDC1 acidic repeat protein (arp) gene, complete cds. (Sept. 26, 2001). | | | |
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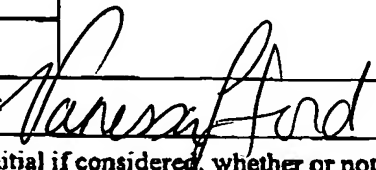
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| | | Pillay <i>et al.</i> , "Molecular Typing of <i>Treponema pallidum</i> in South Africa: Cross-Sectional Studies," <i>J. Clin. Microbio.</i> , 40(1):256-258 (Jan. 2002). | | | | | |
| EXAMINER: | | Vanessa H. Ford | | DATE | | 8/16/04 | |
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| | | Seppa, "Researchers solve syphilis genome.(genome of <i>Treponema pallidum</i> decoded)," <i>Science News</i> , www.findarticles.com/cf_0/m1200/n5_v154/21015212/print.html . (Aug. 1, 1998). | |
| | | Shevchenko <i>et al.</i> , "Molecular Characterization and Cellular Localization of TpLRR, a Processed Leucine-Rich Repeat Protein of <i>Treponema pallidum</i> , the Syphilis Spirochete," <i>J. Bacter.</i> , 179(10):3188-3195 (May 1997). | |
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| | | (No listed author) "Scientists Decipher Syphilis Genome," <i>Appl. Gen. News</i> (Sept. 1, 1998). | |
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